L	Hits	Search Text	DB	Time stamp
Number 1	205	(seed or template) adj (layer or film) and reference adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/02/08 11:51
2	3	(seed or template) adj (layer or film) near6 reference adj layer	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/08 11:51
-	714	(257/295).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/26 08:31
-	0	("mram.ti,ab.").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/15
-	276	mram.ti,ab.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/15 13:21
-	988	((257/295).CCLS.) or mram.ti,ab.	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/15 13:21
_	873	magnetic adj memory adj device	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/15 13:32
-	4		EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/15
		<pre>(magnetic adj memory adj device)) and (ferrimagnetic or ferrimagnet) adj (layer or film)</pre>	EPO; JPO; DERWENT; IBM_TDB	
-	8	(((257/295).CCLS.) or mram.ti,ab. or (magnetic adj memory adj device)) and (ferrimagnetic or ferrimagnet) adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	; 2002/05/15 ; 14:56
-	1	(((257/295).CCLS.) or mram.ti,ab. or (magnetic adj memory adj device)) and (ferrimagnetic or ferrimagnet) adj2 (layer or film) same orient\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/15 15:06
-	1846	((257/295).CCLS.) or mram.ti,ab. or (magnetic adj memory adj device)	IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;	2002/05/15 17:14
-	2	(((257/295).CCLS.) or mram.ti,ab. or (magnetic adj memory adj device)) and data adj (layer or film) near15 (magnetization or magnetisation or magnetized or magnetised) near15 (turn or turning or orientation or orient or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15 15:51
	1	oriented) (((257/295).CCLS.) or mram.ti,ab. or (magnetic adj memory adj device)) and data adj (layer or film) near15 (magnetization or magnetisation or magnetized or magnetised) near15 (turn or turning or orientation or orient or oriented) and coercivity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15   15:59

					r a walk ya e 19 . e . f
-	į	0	(((257/295).CCLS.) or mram.ti,ab. or	USPAT;	2002/05/15
:	į		(magnetic adj memory adj device)) and	US-PGPUB; EPO; JPO;	17:01
		ļ.	data adj (layer or film) near15 (magnetization or magnetisation or	DERWENT;	
			magnetized or magnetised) nearl5 (turn or	IBM TDB	
			turning or orientation or orient or	15155	
	İ		oriented) and coercivity and		
			ferrimagnetic		
! ! <del></del>	1 7	719	((257/295).CCLS.) or (magnetic adj memory	USPAT;	2002/05/15
			adj device) and af adj layer	US-PGPUB;	17:17
i	Ì			EPO; JPO;	
Î	İ			DERWENT;	
			10.55 (1.70)	IBM TDB	2002/05/15
_		44	(365/172).CCLS.	USPAT;	17:35
	İ			EPO; JPO;	17.55
	1			DERWENT;	
	!			IBM TDB	
_	2	283	(365/173).CCLS.	USPAT;	2002/05/15
				US-PGPUB;	17:35
				EPO; JPO;	
	į.	i		DERWENT;	
	1 0		1265 (172)	IBM_TDB	2002/05/15
-	8	304	((365/171) or (365/172) or	USPAT; US-PGPUB;	2002/05/15
	l .	İ	(365/173)).CCLS.	EPO; JPO;	10.02
	İ			DERWENT;	
-				IBM TDB	1
<u> </u>		0	(((365/171) or (365/172) or	USPAT;	2002/05/15
			(365/173)).CCLS.) and (antiferrimagnetic	US-PGPUB;	18:08
1			or af) adj (layer of film) and (magnetic	EPO; JPO;	
1			adj memory) and coercivity and (data adj	DERWENT;	
			storage near3 (layer or film))	IBM_TDB USPAT;	2002/05/15
-		4	(((365/171) or (365/172) or (365/173)).CCLS.) and (antiferrimagnetic	US-PGPUB	18:10
			or af) adj (layer of film) and (magnetic	05 10105	10.10
	ė i		adj memory) and coercivity		
_	i	4	(((365/171)  or  (365/172)  or	USPAT;	2002/05/15
	1		(365/173)).CCLS.) and (antiferrimagnetic	US-PGPUB	19:32
			or af) adj (layer of film) and (magnetic	!	!
		1	adj memory) and coercivity and (angle or		1
		Ì	orient or orientation or oriented or turn or turned or turning or rotate or rotated		
			or rotation)		
i _		0	(((365/171) or (365/172) or	USPAT;	2002/05/15
i i			(365/173)).CCLS.) and ((synthetic adj	US-PGPUB	18:31
_			ferrimagnetic or sf or artificial adj		
1	į		ferrimagnetic) near6 (layer or film))	i I	
-		0	(((365/171) or (365/172) or	USPAT;	2002/05/15
	,		(365/173)).CCLS.) and (synthetic adj	US-PGPUB	18:31
	i		ferrimagnetic or sf or artificial adj		ı
	i	23.	<pre>ferrimagnetic) (synthetic adj ferrimagnetic or sf or</pre>	USPAT;	2002/05/15
i		23	artificial adj ferrimagnetic) and (mram	US-PGPUB	18:36
1			or magnetic adj memory)		
! _	İ	2	(synthetic adj (ferrimagnet or	USPAT;	2002/05/15
	İ		ferrimagnetic) or sf or artificial adj	US-PGPUB	18:38
į !	•		ferrimagnetic) and (mram or magnetic adj		
1	İ	1	memory).ti,ab.		2002/05/15
-	1	4 :	(((365/171) or (365/172) or	USPAT;	2002/05/15
İ			(365/173)).CCLS.) and (antiferrimagnetic	US-PGPUB	19:44
1			or femn or af) adj (layer of film) and (magnetic adj memory) and coercivity and		!
;	1		(angle or orient or orientation or		!
1		!	oriented or turn or turned or turning or	!	
1			rotate or rotated or rotation)	1	

: - I		4	(antiferrimagnetic or femn or af) adj (layer of film) and (magnetic adj memory) and coercivity and (angle or orient or	USPAT; US-PGPUB	2002/05/15	
:		:	orientation or oriented or turn or turned or turning or rotate or rotated or rotation)			
-		4	(antiferrimagnetic or femn or af) adj (layer of film) and (magnetic adj memory) and coercivity and (angle or orient or orientation or oriented or turn or turned or turning or rotate or rotated or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15	
-		4	rotation) (antiferrimagnetic or femn or af) adj (layer of film) and (magnetic adj memory) and coercivity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/15	
-		17	(antiferrimagnetic or femn or af) and (magnetic adj memory) and coercivity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15	
-		8934	(antiferrimagnetic or femn or af) and (hs mtj or hard-soft adj mtj)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15	
-		1	<pre>(antiferrimagnetic or femn or af) and (hs adj mtj or hard-soft adj mtj)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/15	
-	! !	1	"5966012".PN.	USPAT	2002/05/15 20:52	
-		1	"5841692".PN.	USPAT	2002/05/15 20:55	
-		1		USPAT	2002/05/15	
-		1	"5055158".PN.	USPAT	2002/05/15	
_		1	"5055158".PN.	USPAT	2002/05/15 20:58	
-		1	(antiferromagnetic or femn or af) and (hs adj mtj or hard-soft adj mtj)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/25	
-		2	("5605958").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/15	
-		3	("5650958").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/15 22:05	
-		77	magnetic adj memory and spacer adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/15 22:29	
-	į	0	magnetic adj memory and (spacer adj layer nearl2 sf)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/15 22:30	
	:			. <del>_</del> -	A Company of the Comp	

			. 70	
' _ '	77	magnetic adj memory and spacer adj layer	USPAT; US-PGPUB;	2002/05/15
			EPO; JPO; DERWENT;	*
	_	1, 1	IBM_TDB	2002/05/16
-	7	magnetic adj memory and (spacer adj layer	USPAT;	2002/05/16
		near5 antiferromagnetic)	US-PGPUB;	07:45
			EPO; JPO;	1
			DERWENT;	
	2	warmania add moment and (anager add layer	IBM_TDB USPAT;	2002/05/16
_	3	magnetic adj memory and (spacer adj layer near5 antiferromagnetic) and (spacer	US-PGPUB;	08:01
		nearly different)	EPO; JPO;	00.01
		nearly differency	DERWENT;	İ
			IBM TDB	
_	0 '	(spacer near12 antiferromagnetic near12	USPAT;	2002/05/16
		different) and magnetic adj2 memory	US-PGPUB;	08:02
	!		EPO; JPO;	
			DERWENT;	
			IBM_TDB	_ A
_	5	spacer near12 antiferromagnetic near12	USPAT;	2002/05/16
	i	different	US-PGPUB;	08:45
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1 2002 /05 /16
-	295	(365/158).CCLS.	USPAT;	2002/05/16
			US-PGPUB; EPO; JPO;	08:45
			DERWENT;	
			IBM TDB	
i	602	(365/171).CCLS.	USPAT;	2002/05/16
!	002	(303/171/.0015.	US-PGPUB;	08:46
			EPO; JPO;	
		•	DERWENT;	
1			IBM_TDB	
-	4 4	(365/172).CCLS.	USPAT;	2002/05/16
			US-PGPUB;	08:46
			EPO; JPO;	
			DERWENT;	
	202	(265 /173) GGT 6	IBM_TDB USPAT;	2002/05/16
_	283	(365/173).CCLS.	US-PGPUB;	08:46
			EPO; JPO;	00.10
			DERWENT;	
+			IBM TDB	
_	3429	(365/174).CCLS.	USPĀT;	2002/05/16
			US-PGPUB;	08:46
1			EPO; JPO;	
			DERWENT;	
		4057400	IBM_TDB	2002/05/16
-	431	(257/30).CCLS.	USPAT;	2002/05/16
			US-PGPUB;	08:47
			EPO; JPO; DERWENT;	
			IBM TDB	
	1807	((365/158).CCLS.) or ((365/171).CCLS.) or	USPAT;	2002/05/16
-	4807	((365/172).CCLS.) or ((365/173).CCLS.) or	US-PGPUB;	08:47
İ	i i	((365/174).CCLS.) or ((257/30).CCLS.)	EPO; JPO;	
		(1000) 1.1/100221/ 02 (100./00/100201/	DERWENT;	
	!		IBM TDB	
_	179	spacer and coercivity and	USPAT;	2002/05/16
		antiferromagnetic	US-PGPUB;	, 08:48
I			EPO; JPO;	1
	1		DERWENT;	
*	1		'IBM_TDB	1 2002 /25 /15
	11	(((365/158).CCLS.) or ((365/171).CCLS.)	USPAT;	2002/05/16
0			US-PGPUB;	13:56
İ		or ((365/174).CCLS.) or ((257/30).CCLS.))	EPO; JPO;   DERWENT;	
	•	and (spacer and coercivity and antiferromagnetic)	: IBM TDB	
4	1	anciteriomagnetic)	T TOUT TOO	1

[ _	5	((((365/158).CCLS.) or ((365/171).CCLS.)	USPAT;	2002/05/16
		or ((365/172).CCLS.) or ((365/173).CCLS.)	US-PGPUB;	14:30
		or ((365/174).CCLS.) or ((257/30).CCLS.))	EPO; JPO;	
		and (spacer and coercivity and	DERWENT;	
		antiferromagnetic)) and @pd<20000104 mtj adj mr and world adj line and bottom	IBM_TDB USPAT;	2002/05/16
_	0	adj electrode	US-PGPUB;	14:31
İ		adj electiode	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
<u> </u>	0	mtj adj mr and world adj line	USPAT;	2002/05/16
i			US-PGPUB;	14:32
			EPO; JPO; DERWENT;	
Ì			IBM TDB	
_	1	mtj adj mr and word adj line	USPAT;	2002/05/16
	•		US-PGPUB;	14:33
	i		EPO; JPO;	
	1		DERWENT;	
	-	RC114710F	IBM_TDB USPAT;	2002/05/16
_	7	"6114719"	US-PGPUB;	15:30
	+		EPO; JPO;	20101
			DERWENT;	
8			IBM_TDB	
<u>'</u> -	3		USPAT;	2002/05/16
		magnetized)) near12 (perpendicular or	US-PGPUB; EPO; JPO;	16:37
		orthogonal)	DERWENT;	
	}		IBM TDB	
_	0	"not pinned" and (mram or mtj)	USPAT;	2002/05/16
	!	· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	16:44
			EPO; JPO;	
			DERWENT; IBM TDB	
Ţ	0	"not pinned" and (mram or mtj or	USPAT;	2002/05/16
-		magneto-resistive or af adj layer)	US-PGPUB;	16:45
			EPO; JPO;	
			DERWENT;	
	170	() () () () () () () () () () () () () (	<pre>IBM_TDB USPAT;</pre>	2002/05/16
-	, 1/8	(hard same soft) and (mram or mtj or magneto-resistive or af adj layer)	US-PGPUB;	16:47
		inagheto resistive of all day rajery	EPO; JPO;	
ţ			DERWENT;	
1			IBM_TDB	0000/05/16
-	0		USPAT;	2002/05/16 16:47
		magneto-resistive or af adj layer)	US-PGPUB; EPO; JPO;	10:47
			DERWENT;	
			IBM_TDB	
_	0		USPAT;	2002/05/16
ŧ		magneto-resistive)	US-PGPUB;	16:49
1			EPO; JPO; DERWENT;	:
		I	IBM TDB	: 
_	11	soft-soft	USPAT;	2002/05/16
!			US-PGPUB;	16:50
i	Ī	 	EPO; JPO;	
1			DERWENT;	, ,
		   soft-soft and magnetic	IBM_TDB USPAT;	2002/05/16
J -	U	, SOLE BOLE and magnetic	US-PGPUB;	16:50
	I		EPO; JPO;	!
Ī			DERWENT;	ļ
!	1		IBM_TDB	2002/05/16
_	3	mtj and second adj free	USPAT; !US-PGPUB;	2002/05/16 20:54
+			EPO; JPO;	20.01
	i I		DERWENT;	ļ
	l		IBM_TDB	
		· ·	<del>-</del>	

	17	(spacer near12 (ru or ruthenium)) near12 (af adj layer reference adj layer or data adj layer or sens\$3 adj layer or pinned adj2 layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/16 22:40
-	3	(("5640343") or ("6269018") or ("5966012")).PN.	USPAT	2002/05/16 23:13
-	431	(257/30).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
-	68	magnetic and ((257/30).CCLS.)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
-	16850	117/\$6.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
_	1	electronic adj component and (rhombohedral adj crystal near12 c-axis)	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/17 09:13
-	1	(rhombohedral adj crystal near12 c-axis) and 257/\$6.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/17
-	25	sapphire adj substrate.ti,ab. and c-axis.ti,ab.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/17 09:32
-	0	sapphire adj substrate.ti,ab. and c-axis.tı,ab. and 117/\$6.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
-	6	117/\$6.ccls. and rhombohedral.ti,ab.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
-	1	117/\$6.ccls. and rhombohedral.ti,ab. and sapphire and semiconductor	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17 09:45
-	6	148/\$6.ccls. and rhombohedral and c-axis	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17 09:46
-	2	148/\$6.ccls. and rhombohedral and c-axis and nitride	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17
-	337	117/950.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/17 09:51
	1	l i	IBM_TDB	1.

<u></u>	: -	9	117/950.ccls. and rhombohedral	USPAT; US-PGPUB; EPO; JPO;	2002/05/17 09:52
: _	5	54	pinned near20 reference adj layer	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/11/25
				EPO; JPO; DERWENT; IBM TDB	09.00
-		5	mack.in. and gao.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25 09:07
-		0	transverse adj (bias or biased) near15 reference adj layer.ti,ab,clm.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25
-		2	transverse adj (bias or biased) near15 reference adj layer	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25
-		2	("5949623").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25 10:40
_		6	amr adj sensor and (AF or antiferromagnetic or ferrimagnetic) and reference adj layer	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/25
_	2	25	ni-fe-nb and (antiferromagnetic or ferrimagnetic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/25 10:57
-		0	<pre>(sf or synthetic) near2 (ferrimagnet or ferrimagnetism) and (mtj or magnetic) near3 (sensor or sensing adj device) and reference adj (layer or film)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/25 17:22
ř		5	<pre>(sf or synthetic) near2 (antiferromagnetism or af or afm or antiferromagnet or anti-ferromagnet or ferrimagnet or ferrimagnetism) and (mtj or magnetic) near3 (sensor or sensing adj</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/25
-	ļ	0	device) and reference adj (layer or film) activat\$3 near6 current near12 (amr or anisotropic adj magnetoresistive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/25 19:28
_		5	activat\$3 near6 current near12 (amr or anisotropic adj magnetoresistive or magneto-resistive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/25 19:33
- - - - - - - - - -	*	0	soft near3 reference adj layer near12 (sf or artificial)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/25
i -		1	<pre>soft near3 reference adj layer and (sf or artificial)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/25 20:03

<u>-</u>	0	soft near3 reference adj layer and (sf or artificial) and (ferrimagnetic or anti-ferromagnetic)	USPAT; US-PGPUB; EPO; JPO;	2002/11/25 19:43
			DERWENT; IBM TDB	i
_	2	("5966012").PN.	USPAT; US-PGPUB;	2002/11/25 20:13
			EPO; JPO; DERWENT; IBM TDB	
-	137	<pre>(synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic or ferrimagnetic)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25 20:15
_	36	(synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic	IBM_TDB USPAT; US-PGPUB;	2002/11/25 20:15
	-   	or ferrimagnetic) and (magnetic near6 (sensor or sensing)).ti,ab,clm.	EPO; JPO; DERWENT; IBM TDB	20.13
_	43	((synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic or ferrimagnetic) or saf) and (magnetic near6 (sensor or sensing)).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/25 20:34
-	21	((synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic	IBM_TDB USPAT; US-PGPUB;	2002/11/25
	 	or ferrimagnetic or saf) and (magnetic near6 (sensor or sensing)).ti,ab,clm. and insulat\$3 adj layer	EPO; JPO; DERWENT; IBM TDB	
-	0	((synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic or ferrimagnetic) or saf) and (magnetic	USPAT; US-PGPUB; EPO; JPO;	2002/11/25 20:36
. –	5	near6 (sensor or sensing)).ti,ab,clm. and insulat\$3 adj layer near12 spacer ((synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/11/25
		or ferrimagnetic) or saf) and (magnetic near6 (sensor or sensing)).ti,ab,clm. and insulat\$3 adj layer and spacer	EPO; JPO; DERWENT; IBM TDB	
_	7	((synthetic or artificial or sf) near6 (anti-ferromagnetic or antiferromagnetic or ferrimagnetic) or saf) and (magnetic	USPAT; US-PGPUB; EPO; JPO;	2002/11/26 18:39
-	2340	near6 (sensor or sensing)).ti,ab,clm. and insulat\$3 adj layer and tunnel\$3 ((257/30) or (257/295) or (365/158) or (365/171) or (365/172) or	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/11/26 08:32
		(365/173)).CCLS.	EPO; JPO; DERWENT; IBM_TDB	
<b>-</b>   	0	(((257/30) or (257/295) or (365/158) or (365/171) or (365/172) or (365/173)).CCLS.) and reference adj layer near15 (sf or artificial or synthetic or	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/26
	16	saf) and magnetic.ti,ab,clm. and (sensor or sensing).ti,ab,clm. (((257/30) or (257/295) or (365/158) or	IBM_TDB USPAT;	2002/11/26
		(365/171) or (365/172) or (365/173)).CCLS.) and (pinned or pinning or reference) adj layer near15 (sf or artificial or synthetic or saf or antiferromagnetic)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	11:01
-	118	and magnetic.ti,ab,clm. and (sensor or sensing).ti,ab,clm. (257/427).CCLS.	USPAT;	2002/11/26 09:30
	!		US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09.30
		· · · · · · · · · · · · · · · · · · ·		

	0 ((257/427).CCLS.) and reference adj layer and (anti-ferromagnetic or antoferromagnetic) and (artificial or sf or saf or synthetic)	USPAT; 2002/11/26 US-PGPUB; 09:33 EPO; JPO; DERWENT; IBM TDB
-	0 ((257/427).CCLS.) and reference adj layer and (anti-ferromagnetic or antiferromagnetic or ferrimagnetic) and (artificial or sf or saf or synthetic)	USPAT; 2002/11/26 US-PGPUB; 09:33 EPO; JPO; DERWENT; IBM TDB
-	0 ((257/427).CCLS.) and reference adj layer	USPAT; 2002/11/26 US-PGPUB; 09:34 EPO; JPO; DERWENT; IBM_TDB
-	1 ((257/427).CCLS.) and (fixed or reference or pinning) adj layer	USPAT; 2002/11/26 US-PGPUB; 09:34 EPO; JPO; DERWENT; IBM_TDB
-	1 ((257/427).CCLS.) and (fixed or reference or pinning or pinned) adj layer	USPAT; 2002/11/26 US-PGPUB; 09:36 EPO; JPO; DERWENT; IBM TDB

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2002/11/26
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                                                                         11:02
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                   US-5260593-$ or US-5293560-$ or
                                                               EPO; JPO;
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                   US-5415126-$ or US-5455432-$ or
                                                               DERWENT
                   US-5477485-$ or US-5530581-$ or
                   US-5557114-$ or US-5580380-$ or
                   US-5562769-$ or US-5604357-$ or
                   US-5654208-$ or US-5623442-$ or
                   US-5714766-$ or US-5670790-$ or
                   US-6114719-$ or US-5986858-$ or
                   US-6185080-$ or US-6243288-$ or
                   US-6259586-$ or US-6396734-$ or
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                   (US-4462150-$ or US-4657699-$ or
                   US-4738729-$ or US-4769686-$ or
                   US-4841349-$ or US-4893273-$ or
                   US-5049950-$ or US-5111430-$ or
                   US-5740104-$ or US-5754477-$ or
                   US-5789276-$ or US-5846859-$ or
                   US-5877041-$ or US-5786250-$ or
                   US-5698869-$ or US-5858811-$ or
                   US-5976926-$ or US-6031263-$ or
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                   US-4826778-$ or US-5039354-$ or
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                   US-5260560-$ or US-5369040-$).did. or
                    (US-5451798-$ or US-5734181-$ or
                   US-6166319-$ or US-6383576-$ or
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                   US-4768072-$ or US-6309907-$ or
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                   US-6351411-$).did. or (US-5625217-$ or
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                   US-6034001-$ or US-5557122-$ or
                   US-5866930-$ or US-5808336-$ or
                   US-5508543-$).did. or (US-20010030887-$
                   or US-20020101692-$ or US-20020017647-$
                   or US-20020018323-$ or US-20020085323-$
                   or US-20020131219-$ or US-20020154539-$
                    or US-2002003352I-$ or US-20020041514-$
                   or US-20020036919-$ or US-20020036331-$
                   or US-20010032997-$ or US-20010049183-$
                   or US-20020024050-$) did. or
                   (US-5585986-$ or EP-291951-$ or
                    EP-681333-\$).did. or (JP-60242678-\$ or
                    JP-60184681-$ or JP-08255878-$ or
                    JP-07226507-$ or JP-06302828-$ or
                    JP-04056769-$ or JP-62122275-$ or
                  JP-63181473-$ or JP-01115162-$ or 2/8406324915218 BM JP-83289980-$ or
Search History
                    JP-57126175-$ or JP-04061170-$ or
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2002/11/26
                 7 ((US-5145741-$ or US-5235195-$ or
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                    US-4826778-$ or US-5039354-$ or
                    US-5056897-$ or US-5159424-$ or
                   US-5260560-\$ or US-5369040-\$).did. or
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                   or US-20020033521-$ or US-20020041514-$
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                    or US-20010032997-$ or US-20010049183-$
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                    EP-681333-$).did. or (JP-60242678-$ or
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Search History

	Ö	(360/113).CCLs.	USPAT; US-PGPUB; EPO; JPO;	2002/11/26 13:48
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_	100	(360/324).CCLS.	USPAT; US-PGPUB; EPO; JPO;	2002/11/26
-	7	(360/325).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/26
	14	(360/326).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/26 13:49
-	49	(360/327).ccLs.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/26 13:49
-	0	(360/113).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/26 13:49
-	166	((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/26
-	0	(((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)) and reference adjlayer and magnetic adj (sensor or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/26 13:51
_	0	sensing) (((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)) and reference adj layer	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/26 13:51
_	30	(((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/113).CCLS.)) and (fixed or pinned or pinning) adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/26
_	25	or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)) and (fixed or pinned or pinning) adj layer) and	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/26
-	23	(anti-ferromagnetic or antiferromagnetic) ((((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)) and (fixed or pinned or pinning) adj layer) and (anti-ferromagnetic or antiferromagnetic)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/26 14:30
· ! -	13	and magnetic near3 (sensing or sensor) ((((360/324).CCLS.) or ((360/325).CCLS.) or ((360/326).CCLS.) or ((360/327).CCLS.) or ((360/113).CCLS.)) and (fixed or pinned or pinning) adj layer) and	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/26
1		(anti-ferromagnetic or antiferromagnetic) and magnetic near3 (sensing or sensor) and (insulation or insulating or dielectric) adj (layer or film)	IBM_TDB	

		//!lawin and synthetic ada	USPAT;	[2002/11/26
	U	( = m = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1	- US-PGPUB;	18:34
		antiferromagnetic").PN.		10.34
			EPO; JPO;	1
1			DERWENT;	
	1		IBM_TDB	
1 -	2	lai.in. and synthetic adj	USPAT;	2002/11/26
		antiferromagnetic	US-PGPUB;	18:34
	i		EPO; JPO;	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de
ī			DERWENT:	i e
**			IBM TDB	
- i	2	("5949623").PN.	USPAT;	2002/11/26
l v			US-PGPUB;	18:39
			EPO; JPO;	
			DERWENT;	1
1			IBM TDB	
1 :	0	(sf or synthetic adj ferrimagnetic)	USPAT;	2003/02/07
	J	near12 reference adj layer near12 (pin or	US-PGPUB;	16:36
		pinned or un-pinned or unpinned)	EPO; JPO;	
		printed of an printed of antimied,	DERWENT;	
			IBM TDB	i
	65	reference adj layer nearl2 (pin or pinned	USPAT;	2003/02/07
_	63	or un-pinned or unpinned)	US-PGPUB;	16:38
	!	or un-printed or unprinted)	EPO; JPO;	10.30
			DERWENT;	1
	_ :	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IBM_TDB USPAT;	2003/02/07
-	/	reference adj layer nearl2 (pin or pinned	USPAT;	18:04
		or un-pinned or unpinned) and		10:04
1	1	ferrimagnetic	EPO; JPO;	
2			DERWENT;	
1			IBM_TDB	2002/02/07
† -	2	("5966012").PN.	USPAT;	2003/02/07
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	į		IBM_TDB	
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			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1